

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A method for ~~contact specific~~ management of ~~two or more a~~ communications [[lines]] line associated with a communications device and with a [[first]] user of a communications network, the communications network comprising a voice network and a data network, the method comprising:
receiving[[,]] line management information from the [[first]] user over [[a]]
the data network, contact information indicative of a second user
and line management information related to two or more
communications lines associated with an account for the first user
the line management information comprising:
information identifying the communications line; and
information requesting a modification to the identified
communications line, the requested modification
identifying an additional communications device to
which calls received by the identified communications
line are forwarded;
determining whether the requested modification changes a procedure for
handling of calls received by the identified communications line;
generating an instruction to implement the requested modification when
the requested modification changes the procedure, the generated
instruction being based on a functionality of a component of the
voice network that services the identified communications line; and

transmitting [[an]] the generated instruction to [[a]] the component of the communications voice network to implement [[a]] the requested modification to at least one of the two or more communications lines based on the contact information and the line management information.

2. (Currently Amended) The method of claim 1, wherein transmitting [[an]] the generated instruction to a component of the communications voice network[[,]] comprises transmitting [[an]] the generated instruction to a service control point.
3. (Currently Amended) The method of claim 2, wherein transmitting [[an]] the generated instruction to the service control point comprises transmitting [[an]] the generated instruction to a service provisioning and creation environment.
4. (Currently Amended) The method of claim 1, wherein transmitting [[an]] the generated instruction to a component of the communications network[[,]] comprises transmitting [[an]] the generated instruction to a switch.
5. (Previously Presented) The method of claim 1, wherein the contact information comprises at least one of a contact name and a contact phone number.
6. (Currently Amended) The method of claim 5, wherein the line management information comprises instructions related to forwarding a call originally directed to one of the two or more communications lines to a different communications line, the requested modification identifies the additional communications device based on at least one of the contact name and the contact phone number.

7. (Currently Amended) The method of claim 1, wherein ~~the line management information comprises instructions related to handling calls originally directed to one of the two or more communications lines~~ the requested modification identifies the additional communications device based on a user-defined user-defined time schedule and the time the call is received.
8. (Currently Amended) The method of claim 5, wherein:
~~the additional communications device comprises the line management information comprises instructions related to forwarding calls originally directed to one of the two or more communications lines to one or more processors providing voice mail services~~[[,]]; and
the requested modification identifies the one or more processors based on at least one of the contact name and the contact phone number.
9. (Currently Amended) The method of claim 1, wherein ~~receiving line management information comprises receiving information regarding forwarding calls originally directed to one of the two or more communications lines to the additional communications device comprises~~ one or more processors for playing an audible signal indicative of the communications line being unavailable.
10. (Cancelled).
11. (Withdrawn) A method for managing one or more communications lines associated with a user of a communications network, the method comprising:

receiving from the user over a data network line management information regarding one or more communications lines associated with an account for the user;

receiving from the communications network information regarding a call received on at least one of the communications lines associated with the account;

determining handling of the call based on the received line management information; and

transmitting to the communications network an instruction regarding the handling of the call, such that the communications network handles the call in accordance with the received line management information.

12. (Withdrawn) The method of claim 11, wherein receiving from the communications network information regarding a call received on the communications line comprises receiving information from a service control point providing services to a switch associated with the communications line.
13. (Withdrawn) The method of claim 11, wherein receiving from the communications network information regarding a call received on the communications line includes receiving information identifying an origination of the call; and wherein determining handling of the call based on the received line management information includes determining the handling based on the information identifying the origination of the call.

14. (Withdrawn) The method of claim 11, wherein necessary line management information comprises receiving information regarding forwarding calls originally directed to one of the communications lines to a different communications line.
15. (Withdrawn) The method of claim 11, wherein line management information comprises receiving information regarding handling calls originally directed to one of the communications lines based on the time the call is received.
16. (Withdrawn) The method of claim 11, wherein receiving line management information comprises receiving information regarding forwarding calls originally directed to one of the communications lines to one or more processors providing voice mail services.
17. (Withdrawn) The method of claim 11, wherein receiving line management information comprises receiving information regarding forwarding calls for a particular communications line to a one or more processors for playing an audible signal indicative of a communications line being unavailable.
18. (Withdrawn) The method of claim 11, wherein receiving line management information comprises receiving information regarding two or more communications lines associated with the user.
19. (Currently Amended) A system for contact specific management of ~~two or more a~~ communications ~~[[lines]]~~ line associated with a communications device and with a ~~[[first]]~~ user of a communications network, the communications network comprising a voice network and a data network, comprising:

a first interface for connecting to [[a]] the data network;
a second interface for connecting to the ~~communications~~ voice network;
and
a set of one or more processors configured to:

receive line management information from the [[first]] user[[.]]
via the first interface, ~~contact information~~ indicative of
a second user and line management information
related to two or more communications lines
associated with an account for the first user, and the
line management information comprising:
information identifying the communications
line; and
information requesting a modification to the
identified communications line, the
requested modification identifying an
additional communications device to
which calls received by the identified
communications line are forwarded;
determine whether the requested modification changes a
procedure for handling of calls received by the
identified communications line;
generate an instruction to implement the requested
modification when the requested modification
changes the procedure, the generated instruction
being based on a functionality of a component of the
voice network that services the identified
communications line; and

transmit [[an]] the generated instruction, via the second interface, to [[a]] the component of the communications voice network to implement [[a]] the requested modification to at least one of the two or more communications lines based on the contact information and the line management information.

20. (Currently Amended) The system of claim 19, further comprising a recent change engine for receiving the generated instruction from the set of processors and transmitting the generated instruction to a service control point.
21. (Currently Amended) The system of claim 20, wherein the service control point includes a service provisioning and creation environment and wherein the recent change engine is capable of transmitting the generated instruction to the service provisioning and creation environment of the service control point.
22. (Currently Amended) The system of claim 19, further comprising a recent change engine for receiving the generated instruction from the set of processors and transmitting the generated instruction to a switch.
23. (Original) The system of claim 22, wherein the switch includes a table and wherein the recent change engine is capable of modifying the table.

24. (Currently Amended) The system of claim 19, wherein the line management information includes instructions related to forwarding calls originally directed to one of the two or more communications lines to a different communications line and the requested modification identifies the additional communications device based on contact information, the contact information comprises comprising at least one of a contact name and a contact phone number.
25. (Currently Amended) The system of claim 24, wherein the line management information includes information regarding handling calls originally directed to one of the two or more communications lines the requested modification identifies the additional communications device based on a user-defined user-defined time schedule and a time the call is received.
26. (Currently Amended) The system of claim 19, wherein the line management information comprises instructions related to forwarding calls originally directed to one of the two or more communications lines to the additional communications device comprises one or more processors providing voice mail services.
27. (Currently Amended) The system of claim 19, wherein the line management information includes information regarding forwarding calls originally directed to one of the two or more communications line to the additional communications device comprises one or more processors for playing an audible signal indicative of the communications line being unavailable.
28. (Cancelled).

29. (Withdrawn) A system for managing one or more communications lines associated with a user of a communications network, comprising:
 - a first interface for connecting to a data network;
 - a second interface for connecting to the communications network; and
 - a set of one or more processors capable of receiving from the user, via the first interface, line management information regarding one or more communications lines associated with an account for the user, determining that the received line management information includes one or more modifications to at least one of the communications lines associated with the account, receiving from the communications network, via the second interface, information regarding a call received on at least one of the communications lines, determining handling of the call based on the received line management information, and transmitting, via the second interface, to the communications network instructions regarding the handling of the call.
30. (Withdrawn) The system of claim 29, further comprising a network access server for receiving information from a service control point providing services to a switch associated with the communications line, and transmitting the information to the set of processors.
31. (Withdrawn) The system of claim 29, wherein the set of processors are further capable of receiving from the communications network information identifying an origination of the call, and determining the handling of the call based on the information identifying the origination of the call.

32. (Withdrawn) The system of claim 29, wherein the line management information from the user the set of processors are capable of receiving includes information regarding forwarding calls originally defined for one of the communications lines to a different communications line.
33. (Withdrawn) The system of claim 29, wherein the line management information from the user the set of processors are capable of receiving includes information regarding handling calls originally defined for one of the communications line based on the time the call is received.
34. (Withdrawn) The system of claim 29, wherein the line management information from the user the set of processors are capable of receiving includes information regarding forwarding calls originally defined for one of the communications line to one or more processors providing voice mail services.
35. (Withdrawn) The system of claim 29, wherein the line management information from the user the set of processors are capable of receiving includes information regarding forwarding calls originally defined for one of the communications line to a one or more processors for playing an audible signal indicative of the communications line being unavailable.
36. (Withdrawn) The system of claim 29, wherein the line management information from the user the set of processors are capable of receiving includes information regarding two or more communications lines associated with the user.

37. (Currently Amended) A system for ~~contact specific~~ management of two or more a communications [[lines]] line associated with a communications device and with a [[first]] user of a communications network, the communications network comprising a voice network and a data network, the method system comprising:

means for receiving line management information from a first device the user over the data network, contact information indicative of a second user and line management information related to two or more communications lines associated with an account for the first user the line management information comprising:

information identifying the communications line; and

information requesting a modification to the identified communications line, the requested modification identifying an additional communications device to which calls received by the identified communications line are forwarded;

means for determining whether the requested modification changes a procedure for handling of calls received by the identified communications line;

means for generating an instruction to implement the requested modification when the requested modification changes the procedure, the generated instruction being based on a functionality of a component of the voice network that services the identified communications line; and

means for transmitting [[an]] the generated instruction to [[a]] the component of the communications voice network to implement [[a]] the requested modification to at least one of the two or more

~~communications lines based on the contact information and the line management information.~~

38. (Currently Amended) The system of claim 37, wherein the means for transmitting ~~[[an]] the generated instruction to a component of the communications voice network~~_{[[,]]} comprises means for transmitting ~~[[an]] the generated instruction to a service control point.~~
39. (Currently Amended) The system of claim 38, wherein the means for transmitting ~~[[an]] the generated instruction to the service control point~~ comprises means for transmitting ~~[[an]] the generated instruction to a service provisioning and creation environment.~~
40. (Currently Amended) The system of claim 37, wherein the means for transmitting ~~[[an]] the generated instruction to the component of the communications voice network~~_{[[,]]} comprises means for transmitting ~~[[an]] the generated instruction to a switch.~~
41. (Previously Presented) The system of claim 37, wherein the contact information comprises at least one of a contact name and a contact phone number.
42. (Currently Amended) The system of claim 41, wherein ~~the line management information comprises instructions related to forwarding a call originally directed to one of the two or more communications lines to a different communications line, the requested modification identifies the additional communications device~~ based on at least one of the contact name and the contact phone number.

43. (Currently Amended) The system of claim 37, wherein ~~the means for receiving line management information comprises means for receiving information regarding handling calls originally directed to one of the two or more communications lines~~ ~~the requested modification identifies the additional communications device based on a user-defined user-defined time schedule and the time the call is received.~~
44. (Currently Amended) The system of claim 37, wherein ~~the means for receiving line management information comprises means for receiving information regarding forwarding calls originally directed to one of the two or more communications lines~~ ~~to the additional communications device comprises~~ one or more processors providing voice mail services.
45. (Currently Amended) The system of claim 37, wherein ~~the means for receiving line management information comprises means for receiving information regarding forwarding calls originally directed to one of the two or more communications lines~~ ~~to the additional communications device comprises~~ one or more processors for playing an audible signal indicative of the communications line being unavailable.
46. (Cancelled).
47. (Withdrawn) A system for managing one or more communications lines associated with a user of a communications network, the method comprising:
means for receiving from the user over a data network line management information regarding one or more communications lines associated with an account for the user;

means for receiving from the communications network information regarding a call received on at least one of the communications lines associated with the account; and

means for determining handling of the call based on the received line management information;

means for transmitting by the one or more processors to the communications network an instruction regarding the handling of the call, such that the communications network handles the call in accordance with the received line management information.

48. (Withdrawn) The system of claim 47, wherein the means for receiving from the communications network information regarding a call received on the communications line comprises means for receiving information from a service control point providing services to a switch associated with the communications line.
49. (Withdrawn) The system of claim 47, wherein the means for receiving from the communications network information regarding a call received on the communications line includes means for receiving information identifying an origination of the call; and wherein the means for determining handling of the call based on the received line management information includes means for determining the handling based on the information identifying the origination of the call.

50. (Withdrawn) The system of claim 47, wherein the means for receiving line management information comprises means for receiving information regarding forwarding calls originally directed to one of the communications lines to a different communications line.
51. (Withdrawn) The system of claim 47, wherein the means for receiving line management information comprises means for receiving information regarding handling calls originally directed to one of the communications lines based on the time the call is received.
52. (Withdrawn) The system of claim 47, wherein the means for receiving line management information comprises means for receiving information regarding forwarding calls originally directed to one of the communications lines to one or more processors providing voice mail services.
53. (Withdrawn) The system of claim 47, wherein the means for receiving line management information comprises means for receiving information regarding forwarding calls for a particular communications line to a one or more processors for playing an audible signal indicative of a communications line being unavailable.
54. (Withdrawn) The system of claim 47, wherein the means for receiving line management information comprises means for receiving information regarding two or more communications lines associated with the user.
55. (Withdrawn) A system for managing one or more communications lines associated with a user of a communications network, comprising:

a user device connected to a data network, the user device capable of transmitting information regarding handling of calls directed to a communications line associated with the user;

a storage for storing line management information regarding the communications line; and

a set of processors connected to the data network and the communications network, the set of processors capable of receiving, from the user device, the line management information regarding the communication line, storing the received line management information in the storage, and transmitting an instruction to a component of the communications network to implement the modification to the communication line;

wherein the component of the communications network is selected from the set of a switch for receiving calls directed to the communications line and a service control point associated with the switch.

56. (Withdrawn) A system for managing one or more communications lines associated with a user of a communications network, comprising:

a communications network, including:

 a switch for receiving calls directed to a communications line associated with the user, and

 a service control point associated with the switch;

a user device connected to a data network, the user device capable of transmitting information regarding handling of calls directed to a communications line associated with the user;

a storage for storing line management information regarding the communications line; and

a set of processors connected to the data network and the communications network, the set of processors capable of receiving, from the user device, the line management information regarding the communication line, storing the received line management information in the storage, receiving from the communications network information regarding a call directed to the communications line; determining handling of the call based on the stored line management information, and transmitting to the service control point an instruction regarding the determined handling of the call, wherein the service control point directs the switch to handle the call in accordance with the determined handling.

57. (Currently mended) A method for ~~contact-specific~~ management of ~~one or more a~~ communications [[lines]] line associated with a communications device and with a [[first]] user of a communications network, the communications network comprising a voice network and a data network, the method comprising:

receiving line management information from the [[first]] user over [[a]] the data network, ~~contact information indicative of a second user and~~ line management information related to one or more communications lines associated with an account for the first user the line management information comprising:

information identifying the communications line; and

information requesting a modification to the identified

communications line, the requested modification

identifying an additional communications device to

which calls received by the identified communications line are forwarded;
determining whether the requested modification changes a procedure for handling of calls received by the identified communications line;
generating an instruction to implement the requested modification when the requested modification changes the procedure, the generated instruction being based on a functionality of a component of the voice network that services the identified communications line; and
transmitting [[an]] the generated instruction to a service control point of the communications voice network to implement [[a]] the requested modification to the one or more communications lines based on the contact information and the line management information.

58. (Currently Amended) A system for contact specific management of one or more a communications [[lines]] line associated with a communications device and with a [[first]] user of a communications network, the communications network comprising a voice network and a data network, comprising:

a first interface for connecting to [[a]] the data network;
a second interface for connecting to the communications voice network;
and

a set of one or more processors configured to:

receive line management information from the first user[[.]]
via the first interface, contact information indicative of a second user and line management information related to one or more communications lines.

associated with an account for the first user, and the
line management information comprising:

information identifying the communications
line; and

information requesting a modification to the
identified communications line, the
requested modification identifying an
additional communications device to
which calls received by the identified
communications line are forwarded;

determining whether the requested modification changes a
procedure for handling of calls received by the
identified communications line;

generating an instruction to implement the requested
modification when the requested modification
changes the procedure, the generated instruction
being based on a functionality of a component of the
voice network that services the identified
communications line; and

transmit [[an]] the generated instruction, via the second
interface, to a service control point of the
communications-voice network to implement [[a]] the
requested modification to the one or more
communications lines based on the contact
information and the line management information.

59. (Currently Amended) A system for contact specific management of one or more a communications line associated with a communications device and with a [[first]] user of a communications network, the communications network comprising a voice network and a data network, the method system comprising:

means for receiving line management information from a [[first]] device
over the data network, contact information indicative of a second
user and line management information related to one or more
communications lines associated with an account for the first user
the line management information comprising:

information identifying the communications line; and
information requesting a modification to the identified
communications line, the requested modification
identifying an additional communications device to
which calls received by the identified communications
line are forwarded;

means for determining whether the requested modification changes a
procedure for handling of calls received by the identified
communications line;

means for generating an instruction to implement the requested
modification when the requested modification changes the
procedure, the generated instruction being based on a functionality
of a component of the voice network that services the identified
communications line; and

means for transmitting [[an]] the generated instruction to a service control
point of the communications voice network to implement [[a]] the
requested modification to the one or more communications lines.

PATENT
Customer No. 25,537
Attorney Docket No. 03-1022

based on the contact information and the line management information.